

VA GROUND WATER PROTECTION STEERING COMMITTEE

The next meeting of the Steering Committee will be held on

Tuesday, July 18, 2006 from 9 a.m. to 11 a.m.

DEQ 629 East Main Street, Richmond VA

For more information contact Mary Ann Massie at 804-698-4042 or
email mamassie@deq.virginia.gov

Meeting Summary: Tuesday, May 16, 2006

Steering Committee members in attendance:

Mary Ann Massie, Department of Environmental Quality

Terry Wagner, Department of Environmental Quality

Howard Freeland, Department of Environmental Quality

Valerie Rourke, Department of Environmental Quality

Rebecca Askew, Department of Agriculture and Consumer Services

George Harlow, US Geological Survey

Nicole Sandberg, Department of Conservation and Recreation

Lynn Haynes, Department of Mines, Minerals and Energy

Guests:

Daniel Kestner, Department of Mines, Minerals, and Energy

Terry Wagner, Scott Bruce, Robin Patton, Beverly Quinlan, Brad White, Joel Maynard, Todd Beach, Herb Ward, John Tregasser, Vincent Maiden, and John Giese, Department of Environmental Quality

Liza Fleeson, Virginia Department of Agriculture and Consumer Services

Steve Werner, Draper Aden

Nancy Carr, Virginia Rural Water Association

Michael Kohkne, Simon and Associates

Grace Turner, McGuire Woods

Agencies not in attendance:

Virginia Cooperative Extension, Virginia Department of Health, Virginia Department of Housing and Community Development, Virginia Department of Business Assistance, and the Department of General Services/Division of Consolidated Laboratories.

The Committee welcomed Daniel Kestner with the Department of Mines, Minerals, and Energy: Division of Mined Land Reclamation, for a presentation. Mr. Kestner updated the Committee on DMME's electronic permitting and mapping programs. This electronic system allows permit engineers to manage the large volume of data associated with issuance and amendments of mining permits.

AGENCY UPDATES:

Department of Environmental Quality

Mary Ann Massie, Water Resources Division, reported on the finalization of the Memorandum of Understanding with VDH for cooperative wellhead protection funding. An RFP for implementation projects will be issued this summer.

Grant workplans for 2007 are under development.

John Giese, Office of Spill Response and Remediation, noted that a GIS application to create a data layer of registered tanks and releases from tanks is up and running in a test phase. Case managers and summer interns will perform QA/QC checks; the final product will be available on the DEQ web page "What's in My Backyard?". This system should fulfill our obligation to notify VDH of releases.

Scott Bruce, Office of Ground Water Characterization, introduced his new staff: Brad White, Todd Beach, and Joel Maynard.

Valerie Rourke, Water Quality Division, mentioned the continuing work of the Water Reclamation and Reuse Technical Advisory Committee. Two subcommittees have been formed to focus on nutrients and disinfection.

Howard Freeland, Waste Division, reported victory in the courtroom after three years of litigation with Elbow Farm Road, a construction demolition and debris landfill. Additionally Howard reported that his office is fully staffed effective mid June.

Department of Agriculture and Consumers Services

No updates.

US Geological Survey

George Harlow reported on the following two projects:

Roanoke River Flood Reduction Project

This study was initiated at the end of FY05 as part of a congressionally authorized Roanoke River Flood Reduction (RRFRP) project being undertaken by the Corps, Wilmington District and the City of Roanoke. This study is intended as a long-term effort to detect impacts of the RRFRP on Roanoke logperch habitat and verify channel stability in selected areas of the improvement project. The RRFRP has significant public attention from the perspectives of flood reduction benefits and of protection of the Roanoke River as a natural resource, and water quality issues are a concern throughout the urbanized project area.

Continuous Water-Quality Monitoring for Indian Creek as Part of the Jewell Ridge Lateral Project

A detailed sediment monitoring project will be initiated in FY06 as part of the Jewell Ridge Lateral Project, construction of a proposed pipeline by Duke Power that will require a crossing at Indian Creek. There is considerable concern associated with the potential impact of this proposed construction because Indian Creek has been listed as one of the state's Threatened and Endangered Species Waters. Indian Creek contains critical habitat for two freshwater mussel species, purple bean (*Villosa perpurpurea*) and rough rabbitsfoot (*Quadrula cylindrical strigillata*). Additionally, Indian Creek contains the last know

reproducing population of the tan riffleshell (*Epioblasma florentina walkeri*). Through initial project discussions with the U.S. Fish and Wildlife Service, the primary objective of the USGS monitoring plan will be to identify whether the construction of the Indian Creek pipeline crossing will adversely impact the sediment water quality in Indian Creek. Continuous water-quality monitoring will be performed in Indian Creek, in the area upstream and downstream of the pipeline crossing.

George also noted the availability of SIR 2005-5254

Comparison of peak discharge and runoff characteristic estimates from the rational method to field observations for small basins in central Virginia
Hayes, Donald C.; Young, Richard L.

Department of Conservation and Recreation

Nicole Sandberg reported that the awards are being made for the last round of WQIF proposals. Additionally the 2006 Chesapeake Bay and Section 319 applications have been submitted.

Department of Mines, Minerals, and Energy

Lynn Haynes reported their new director is George P. Willis.

Nancy Carr, Virginia Rural Water Association, was pleased to report that she successfully completed thirteen local wellhead protection plans. Albert Crigger, VRWA, reported in absentia that his work continues with Henry County Public Service Authority and Montgomery County Public Service Authority; Albert is initiating work with the Town of Blackstone. Sophistication of protection programs varies from locality to locality.

Steve Werner, Draper Aden, noted continued interest in ground water management issues.

The meeting adjourned at 11 a.m.

OUR NEXT MEETING IS SET FOR TUESDAY, July 18, 2006.